I. LISTING OF THE CLAIMS

- (original) A transmission comprising:

 an aluminum housing member having a bore formed therein;
 a rotatable member supported on a bearing within the bore; and
 wherein said bore includes a layer of thermal spray coating for improved

 wear resistance so that the bore supports the bearing without a steel sleeve therebetween.
- 2. (original) The transmission of claim 1, wherein said thermal spray coating comprises a steel alloy, with a coating thickness between approximately 0.1 and 0.5 mm.
- 3. (original) The transmission of claim 2, wherein said steel alloy comprises 0.1 to 1% weight C, 0 to 14% weight Cr, 0 to 2% weight Mn, 0 to 2% weight Ni, 0 to 1% weight Si, and the balance Fe.
- 4. (original) The transmission of claim 1, wherein said thermal spray coating comprises a nickel alloy, with a coating thickness between approximately 0.02 and 0.08 mm.
- 5. (original) The transmission of claim 4, wherein said nickel alloy comprises 15 to 25% weight Cr, 0 to 20% weight Al, 0 to 5% Y, and the balance Ni.
- 6. (original) The transmission of claim 1, wherein said thermal spray coating comprises a copper alloy, having 7 to 13% weight Al, 0 to 5% weight Fe, 0 to 6% Ni, and the balance Cu.
- 7. (original) The transmission of claim 1, wherein said thermal spray coating is applied by a two wire arc spray process.
- 8. (original) The transmission of claim 1, wherein said thermal spray coating is applied by a plasma thermal spray coating process.

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- 9. (original) The transmission of claim 1, wherein said transmission is a continuously variable transmission (CVT), said rotatable member is a rotatable pulley member, and said aluminum housing member comprises a transmission case.
- 10. (original) The transmission of claim 1, wherein said transmission is a continuously variable transmission (CVT), said rotatable member is a rotatable pulley member, and said aluminum housing member comprises a transmission cover.
- 11. (original) A continuously variable transmission (CVT) comprising:
 an aluminum housing member having a bore formed therein;
 a rotatable pulley member supported on a bearing within the bore;
 wherein said bore includes a layer of thermal spray coating for improved
 wear resistance so that the bore supports the bearing without a steel sleeve therebetween; and
 wherein said thermal spray coating comprises a steel alloy.
- 12. (original) The CVT of claim 11, wherein said steel alloy comprises 0.1 to 1% weight C, 0 to 14% weight Cr, 0 to 2% weight Mn, 0 to 2% weight Ni, 0 to 1% weight Si, and the balance Fe.
- 13. (original) The CVT of claim 11, wherein said thermal spray coating is applied by a two wire arc spray process.
- 14. (original) The CVT of claim 11, wherein said thermal spray coating is applied by a plasma thermal spray coating process.
- 15. (original) The CVT of claim 11, wherein said aluminum housing member comprises a transmission case.
- 16. (original) The CVT of claim 11, wherein said aluminum housing member comprises a transmission cover.

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17. (withdrawn) A method of manufacturing a continuously variable transmission (CVT) comprising:

casting an aluminum housing member with a bore formed therein; providing a thermal spray coating on the I.D. surface of the bore for improved wear resistance; and

positioning a bearing directly against the I.D. surface of the bore for supporting a rotatable pulley member without a sleeve positioned between the bearing and the I.D. surface.

- 18. (withdrawn) The method of claim 17, wherein said thermal spray coating is applied by a two wire arc spray process.
- 19. (withdrawn) The method of claim 17, wherein said thermal spray coating is applied by a plasma thermal spray coating process.
- 20. (withdrawn) The method of claim 17, further comprising, prior to said step of providing a thermal spray coating, cleaning, degreasing and grit blasting the I.D. surface of the bore; and

after said step of providing a thermal spray coating, finish machining the I.D. surface of the bore.

- 21. (withdrawn) The method of claim 20, wherein said thermal spray coating is applied by wire arc spray, and said finish machining comprises grinding.
- 22. (withdrawn) The method of claim 20, wherein said thermal spray coating is applied by a plasma spray process, and said finish machining comprises buffering.

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